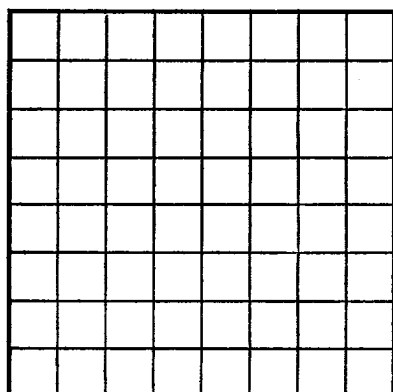


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 045818 A
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Nunn & Geiser Address Artesia, New Mexico
Lessor or Tract Hastie Field Empire State New Mexico
Well No. 10 Sec. 18 T. 17 R. 28 Meridian N M P M County Eddy
Location 1650 ft. N of N Line and 330 ft. E of W Line of Sec. 18 Elevation _____
(Derrick floor relative to sea level)The information given herewith is a complete and correct record of the well and all work done thereon
as far as can be determined from all available records.

Signed _____

Date 1-5-51 Title Agent

The summary on this page is for the condition of the well at above date.

Commenced drilling 11-13-, 1950 Finished drilling 12-16-, 1950

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 476 to 480 No. 4, from 494 to 497
No. 2, from 480 to 483 No. 5, from _____ to _____
No. 3, from 492 to 494 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to 150 No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>7"</u>	<u>20#</u>			<u>473</u>	<u>Tex. Pat.</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>7"</u>	<u>473</u>	<u>25 sacks</u>			

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
	<u>1000 gals acid</u>				<u>488</u>	
	<u>2000 "</u>	<u>"</u>			<u>510</u>	

TOOLS USED

Rotary tools were used from 0 feet to 510 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing 12-15-, 1950The production for the first 24 hours was 50 barrels of fluid of which 100 % was oil; 0 %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller Bert Davis, Driller C. E. Geiser, Driller
_____, Driller G. C. Denton, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	20	20	Red shale
20	25	5	Gyp
25	35	10	Shale & Anhydrite
35	60	25	Anhydrite
60	63	3	Blue shale
63	80	17	Broken Anhydrite
80	92	12	Anhydrite
92	102	10	Lime
102	125	23	Anhydrite
125	147	22	Lime
147	180	27	Anhydrite
180	186	6	Red shale
186	196	10	Anhydrite
196	210	14	Red shale
210	240	30	Broken anhydrite
240	259	19	Anhydrite
259	262	3	Red shale
262	270	8	Anhydrite
270	273	3	Red shale
273	279	6	Anhydrite
279	282	3	Red shale
282	300	18	Anhydrite
300	340	40	Broken anhydrite
340	350	10	Brown lime
350	355	5	Red shale
355	360	5	White lime

(over)